PRODUCT BROCHURE

KERN
CIB 6K-4

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Robust counting scale with large article memory, convenient operating philosophy and checkweighing display, counting resolution up to 30,000 points

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PRODUCT SHOWCASE

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DESCRIPTION

- Precise, intuitive to use and digital – with our counting scales you can accelerate your annual stock taking processes and thus save time and money

- Innovative counting with tolerance range (Checkweighing): The counting process can be supported visually and/or audibly and this therefore makes portion division, dispensing and grading easier
  - visual signal: the colour of the display changes depending on the counting result (not enough/ok/too much)
  - audible signal: the frequency of the audible signal changes depending on the counting result (not enough/ok/too much)

- Ideal for workshops for people with disabilities, particularly loud or quiet environments, where operators change frequently, etc.

- Three displays for weight display, reference weight, total pieces

- Precise counting: The automatic reference weight optimisation of reference weight gradually improves the average piece weight value

- Programmable using numerical key pad:
  - required reference quantity
  - known reference weight

- Counting results memory: adds up all individual piece counts, result is shown in total weight and total pieces

- PRE-TARE function for manual subtraction of a known container weight, useful for checking fill-levels

- 20 direct price keys for frequently recurring reference weights and PRE-Tare values

- Memory for 50 reference weights and PRE-Tare values

- High mobility: thanks to rechargeable battery operation, compact, lightweight construction, it is suitable for the use in several locations

- Two balances in one: Changes from counting mode to weighing mode at the touch of a key

- Energy management: Backlight turns off after 5 sec, can be switched off

- Protective working cover included with delivery

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SPECIFICATIONS

Article codes, product groups & Status information

Model article-code	CIB 6K-4
Model-Serie	CIB
Assortment	KERN
Product Type	Industrial scales
Product group	Counting scales
Product usage type	Main article
EAN code (Model)	4045761214897
Customs tariff number	84238129
CE Label	yes

Technical data - Primary

Weighing capacity	6 kg
Readability	0.0005 kg
Counting resolution	30000
Minimum piece weight	2 g
Net weight	3.55 kg
Platform size	315×215 mm

Technical data - Construction

Casing material	plastic
Dimension housing (W×D×H)	350×330×120 mm
Material weighing plate	stainless steel
Bubble Level	yes
Revolving screw feet	yes
Weighing surface (d)	315×215 mm
Dimensions of weighing plate (W×D)	315×215 mm
IP protection load cell	IP65

Technical data - Display

Display height	18 mm
Backlight	blue, yellow, green, red

Technical data - Power supply

Mains adapter/adapter included	CH;EURO;UK
Charging time	14 h

Input Voltage	100V-240V AC 50/60Hz 0.4 Amax
Operating time (Backlight off)	160 h

Technical data - Measuring system

Calibration method	Adjusting with external weight
Linearity	± 0.0015 kg
Readability	0.0005 kg
Recommended adjusting weight	5 kg (M1)
Repeatability	0.0005 kg
Resolution	12.000
Stabilisation time under laboratory conditions	2 s
Tare range	6 kg
Warm up time	30 min
Weighing system	Strain gauge
Weighing units	kg

Technical data - Environmental conditions

Maximum humidity	85 %
Maximum operating temperature	40 °C
Minimum ambient temperature	-10 °C
Minimum humidity	15 %

Technical data - Packing & Shipping

Dimensions packaging (W×D×H)	385×395×147 mm
Gross weight	4.4 kg

Net weight	3.6 kg
Shipping method	Parcel service
UN number	2800
Packaging component - by weight - cardboard	375 g
Packaging component - by weight - plastics	375 g
Delivery time	1 d

Technical data - Counting data

Counting resolution	30000
Mininum piece weight at piece counting (Laboratory)	200 mg
Minimum piece weight	2 g

Optional Services

DAkkS Calibration	963-128

FUNCTIONS

Standard

CAL EXT · MEMORY · PCS · SUM · TOL · ACCU · MULTI · DMS

1 DAY

Option

DAkkS +3 DAYS

ACCESSORIES

Model	Description
GAB-A04	Internal Rechargeable Battery Pack KERN GAB-A04
346-06	Test Weight KERN 346-06
RIB-A01	Protective Working Cover KERN RIB-A01
YKA-20	Power Adapter KERN YKA-20

SERVICES

Model	Description
963-128	DAkkS Calibration KERN 963-128
961-248	Adjustment at the location of installation 961-248
969-517	Confirmation of the manufacturer's specification (only in combination with DAkkS calibration certificate)969-517
970-014	Warranty extension KERN (+3 years) 970-014

SPARE PARTS

Model	Description
RRIB-3001	LCD Display RRIB-3001
RRIB-5001	Power socket RRIB-5001
RRIB-6001	Weighing plate KERN RRIB-6001
RRIB-6002	Weighingplate carrier KERN RRIB-6002
RRIB-8001	Adjustable base foot RRIB-8001
RRIB-8003	Level bubble RRIB-8003
RRIB-9001	Dust protection ring, set KERN RRIB-9001
YKA-20	Power Adapter KERN YKA-20

RELATED ARTICLES DATA

Model name	Weighing capacity	Readability	Counting resolution	Minimum piece weight	Net weight	Platform size
CIB 10K-3	15 kg	0.001 kg	30000	5 g	3.99 kg	315×215 mm
CIB 30K-3	30 kg	0.002 kg	30000	10 g	3.55 kg	315×215 mm
CIB 3K-4	3 kg	0.0002 kg	30000	1 g	3.517 kg	315×215 mm
CIB 6K-4	6 kg	0.0005 kg	30000	2 g	3.55 kg	315×215 mm